

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------|------------------|---------|------------------|
| L2 | 1 | ("6501053").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/06 11:48 |
| L3 | 23 | (126/299D,302,299R,39H,299E,39K,303.ccls. OR 219/452.11-452.13.ccls.) AND @pd>="20051006" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/06 11:54 |
| S1 | 2 | ("0612282").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/06 09:54 |
| S2 | 1 | ("6120282").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/26 22:40 |
| S3 | 0 | ("EP-879797-\$.did.").PN. | EPO; JPO; DERWENT | OR | OFF | 2005/05/26 22:42 |
| S4 | 0 | ("EP-879797-\$.did.").PN. | EPO; JPO; DERWENT | OR | OFF | 2005/05/26 22:42 |
| S5 | 0 | EP-0879797-\$.did. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/26 22:42 |
| S6 | 0 | EP-879797-\$.did. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/26 22:43 |
| S7 | 2 | EP-879797-\$.did. | EPO; JPO; DERWENT | OR | ON | 2005/05/26 22:43 |
| S8 | 840 | 126/299D.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 12:42 |
| S9 | 11 | ("1332474" "2188741" "4750470" "4757802" "5287799" "5301653" "5375651" "5742031" "6231311").PN. OR ("6575157").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/27 23:43 |
| S10 | 16 | ("4042806" "4413610").PN. OR ("4750470").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/27 23:46 |
| S11 | 16 | ("4042806" "4413610").PN. OR ("4750470").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/27 23:46 |
| S12 | 34 | ("1342436" "3015329" "3367320" "3797375" "3926172" "4042806").PN. OR ("4413610").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/27 23:49 |
| S13 | 8 | ("3367320").URPN. | USPAT | OR | ON | 2005/05/27 23:54 |

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| S14 | 21 | ("1342436" "3015329" "3367320" "3797375" "3926172" "4042806").PN. OR ("4409954").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/27 23:55 |
| S15 | 21 | ("3409005" "3470680" "4042806" "4105422" "4409954" "4446849" "4457293" "4562827" "4759196" "4765811" "4889104" "5231972" "5269824" "5524607" "5619982" "5863310" "5884619" "5906195" "6132483").PN. OR ("6455818").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/27 23:55 |
| S16 | 18 | ("3409005").URPN. | USPAT | OR | ON | 2005/05/27 23:57 |
| S17 | 24 | ("2674991" "3367320" "3391689" "3409005" "3747301" "3926171" "3956458" "4244710" "4333745" "4344784").PN. OR ("4411254").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/27 23:58 |
| S18 | 22 | ("1121775" "2825500" "3596650" "4411254" "4428357" "4431892" "4446849" "4526332" "4527542" "4750470" "5119802" "5209217" "5279279" "5301653" "5742031" "5847369" "6119680" "D346306" "D427486" "D444024").PN. OR ("D467768").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/27 23:59 |
| S19 | 1 | ("1121775").URPN. | USPAT | OR | ON | 2005/05/28 00:00 |
| S20 | 21 | ("3474724" "3797375" "3838505" "4042806" "4191875" "4236503").PN. OR ("4431892").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/28 00:01 |
| S21 | 33 | ("3102533" "3367320" "3375819" "3444805" "3474724" "3596650" "3756217" "3797375" "3983553" "4034663" "4291668" "4335705" "4409954" "4413610" "4431892" "4562827" "4703306" "4736729" "4821704" "4862795" "D207369" "D210336").PN. OR ("5190026").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/28 00:03 |

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|-----|----|---|------------------------------|----|----|------------------|
| S22 | 66 | ("2233463" "2632434" "3313919" "3409005" "3586825" "3627986" "3781522" "3816704" "3819906" "3870861" "3886539" "3936660" "4004130" "4149217" "4169222" "4204204" "4341197" "4454501" "4501260" "4527049" "4561002" "4633067" "4816647" "4855550" "4899028" "4921210" "5155338" "5190026" "5221829" "5279279" "5321229" "5349162" "5357079" "5357080" "5374807" "5378874" "5399840" "5508495" "5549100" "5572205" "5611327" "5679273" "5742031" "5796346" "5847364" "5859410" "5867111" "5958272" "5968219" "6043461" "6050176" "6067980" "6087637" "6103338" "D113275" "D235606" "D270806" "D271269" "D295252").PN. OR ("6501053"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/28 00:04 |
| S23 | 21 | ("2674991" "3011492" "3409005" "3559636" "3712819" "4237856" "5062410" "5078122").PN. OR ("5279279"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/28 00:06 |
| S24 | 43 | ("2233463" "2632434" "3313919" "3409005" "3627986" "3781522" "3816704" "3870861" "3886539" "3936660" "4004130" "4149217" "4169222" "4501260" "4816647" "4899028" "5155338" "5221829" "5279279" "5357079" "5357080" "5374807" "5399840" "5508495" "5549100" "5611327" "5679273" "5796346" "5847364" "5859410" "6050176" "6067980" "6087637" "6103338" "D113275" "D271269").PN. OR ("6297482"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/28 00:08 |

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|-----|----|--|------------------------------|----|----|------------------|
| S25 | 66 | ("2233463" "2632434" "3313919" "3409005" "3586825" "3627986" "3781522" "3816704" "3819906" "3870861" "3886539" "3936660" "4004130" "4149217" "4169222" "4204204" "4341197" "4454501" "4501260" "4527049" "4561002" "4633067" "4816647" "4855550" "4899028" "4921210" "5155338" "5190026" "5221829" "5279279" "5321229" "5349162" "5357079" "5357080" "5374807" "5378874" "5399840" "5508495" "5549100" "5572205" "5611327" "5679273" "5742031" "5796346" "5847364" "5859410" "5867111" "5958272" "5968219" "6043461" "6050176" "6067980" "6087637" "6103338" "D113275" "D235606" "D270806" "D271269" "D295252").PN. OR ("6501053").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/28 00:10 |
| S26 | 36 | ("2233463" "2632434" "3313919" "3627986" "3781522" "3816704" "3870861" "3886539" "3936660" "4004130" "4501260" "4816647" "4899028" "5221829" "5279279" "5357079" "5357080" "5374807" "5399840" "5508495" "5549100" "5679273" "5796346" "5847364" "5859410" "6050176" "6067980" "6087637" "6103338" "D113275" "D271269").PN. OR ("D444024").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/28 00:12 |
| S27 | 3 | ("2233463").URPN. | USPAT | OR | ON | 2005/05/28 00:13 |
| S28 | 37 | ("3162237" "3169871" "3444805" "3494350" "3587555" "3592180" "3712819" "3797375" "3870457" "3968785" "4020821" "4042806" "4409954" "4413610" "4413611" "4431892" "4446849" "4457293" "4750470" "4886046" "5042458" "5190026" "5209217" "5213091" "5301653" "5619982").PN. OR ("5742031").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/28 00:18 |

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|-----|----|---|------------------------------|----|----|------------------|
| S29 | 46 | ("2870829" "3162237" "3169871" "3371699" "3468298" "3494350" "3592180" "3870457" "3968785" "4020821" "4409954" "4413610" "4413611" "4457293" "4518346" "4565523" "4569328" "4570610" "4622946" "4690636" "4705019" "4736729" "4750470" "4757801" "4773383" "4794907" "4960377" "4971024" "5046477").PN. OR ("5209217"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/28 00:21 |
| S30 | 11 | ("4413610" "4750470" "5119802").PN. OR ("5213091"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/28 00:23 |
| S31 | 22 | ("2081640" "2586023" "2595480" "2634718" "3384067" "3756217" "3924601" "4428357").PN. OR ("4527542"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/28 00:28 |
| S32 | 14 | ("0029238" "4411254" "5884619" "D025533" "D034415" "D129464" "D396346" "D408510").PN. OR ("D427486"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/28 00:30 |
| S33 | 28 | ("3367320" "3375819" "3444805" "3587555" "3596650" "3712819" "3941043" "4409954").PN. OR ("4736729"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/28 00:36 |
| S34 | 21 | ("3409005" "3470680" "4042806" "4105422" "4409954" "4446849" "4457293" "4562827" "4759196" "4765811" "4889104" "5231972" "5269824" "5524607" "5619982" "5863310" "5884619" "5906195" "6132483").PN. OR ("6455818"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/28 00:37 |
| S35 | 12 | ("4413610" "4416249" "4587948" "4690125" "4705020" "4750470").PN. OR ("5000157"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/28 00:41 |

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|-----|----|--|------------------------------|----|----|------------------|
| S36 | 48 | ("2411464" "2536513" "2647990" "3059632" "3444805" "3474724" "3587555" "3596650" "3712819" "3745912" "3797375" "3941043" "4042806" "4291668" "4361132" "4413610" "4562827" "4634841" "4736729" "4821704" "4862795" "4962694" "5001970" "D152596" "D153977" "D160951" "D313532").PN. OR ("5287799").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 12:53 |
| S37 | 12 | ("0587766" "2095745" "2623516" "3999680" "4436023" "4609126" "5078122" "5279279" "5947321").PN. OR ("6293276").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 11:45 |
| S38 | 1 | ("587766").URPN. | USPAT | OR | ON | 2005/05/31 11:48 |
| S39 | 24 | ("2076479" "3409005" "3712819" "3954427" "4291668" "4446849" "4501260" "4562827" "4736729" "4766880" "4821704" "4846146" "4934337" "5062410" "5190026" "5231972" "5279279" "5619982").PN. OR ("5884619").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 11:54 |
| S40 | 24 | ("2076479" "3409005" "3712819" "3954427" "4291668" "4446849" "4501260" "4562827" "4736729" "4766880" "4821704" "4846146" "4934337" "5062410" "5190026" "5231972" "5279279" "5619982").PN. OR ("5884619").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 11:55 |
| S41 | 4 | ("2076479").URPN. | USPAT | OR | ON | 2005/05/31 12:00 |
| S42 | 24 | ("2076479" "3409005" "3712819" "3954427" "4291668" "4446849" "4501260" "4562827" "4736729" "4766880" "4821704" "4846146" "4934337" "5062410" "5190026" "5231972" "5279279" "5619982").PN. OR ("5884619").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 12:02 |
| S43 | 18 | ("3409005").URPN. | USPAT | OR | ON | 2005/05/31 12:03 |
| S44 | 7 | ("2674991" "4446849").PN. OR ("5231972").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 12:06 |

EAST Search History

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|-----|-----|--|------------------------------|----|----|------------------|
| S45 | 0 | 129/299R.ccls. NOT 126/299D.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 12:53 |
| S46 | 0 | 129/302.ccls. NOT 126/299D,299R. ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 12:51 |
| S47 | 0 | 129/299R.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 12:53 |
| S48 | 841 | 126/299D.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 12:54 |
| S49 | 759 | 126/299R.ccls. NOT 126/299D.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 13:51 |
| S50 | 14 | ("2921176" "3258058" "3291188" "3468298" "3698378" "4201184" "4960377" "5360490" "5989013").PN. OR ("6349714"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 12:59 |
| S51 | 36 | 126/302.ccls. NOT 126/299D,299R. ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 13:53 |
| S52 | 120 | 126/299E.ccls. NOT 126/299D,299R, 302.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 13:58 |
| S53 | 697 | 126/39H.ccls. NOT 126/299D,299R, 302,299E.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 14:59 |
| S54 | 21 | ("3114620" "3193367" "3231356" "3582454" "3686477" "3715550" "3816704" "3830216" "4034253" "4361429" "5313929" "5402767" "5549100" "5813395" "5931152").PN. OR ("6120282").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 14:47 |
| S55 | 241 | 126/39K.ccls. NOT 126/299D,299R, 302,299E,39H.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 15:21 |
| S56 | 73 | 126/303.ccls. NOT 126/299D,299R, 302,299E,39H,39K.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 15:25 |
| S57 | 671 | 219/452.11-452.13.ccls. NOT 126/299D,299R,302,299E,39H,39K, 303.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/31 15:27 |

EAST Search History

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|-----|----|---|-----------------------------|----|----|------------------|
| S58 | 58 | (US-20040261779-\$ or US-20020014482-\$).did. or (US-1121775-\$ or US-1342436-\$ or US-2233463-\$ or US-2674991-\$ or US-3102533-\$ or US-3474724-\$ or US-3586825-\$ or US-3797375-\$ or US-4042806-\$ or US-4409954-\$ or US-4411254-\$ or US-4413611-\$ or US-4431892-\$ or US-4527542-\$ or US-4736729-\$ or US-4750470-\$ or US-5000157-\$ or US-5190026-\$ or US-5209217-\$ or US-5213091-\$ or US-5279279-\$ or US-5287799-\$ or US-5742031-\$ or US-6120282-\$ or US-6297482-\$ or US-6455818-\$). did. or (US-6501053-\$ or US-6575157-\$ or US-6742515-\$ or US-6895955-\$ or US-D427486-\$ or US-D444024-\$ or US-D467768-\$ or US-6293276-\$ or US-0587766-\$ or US-5884619-\$ or US-2076479-\$ or US-3721178-\$ or US-3409005-\$ or US-5231972-\$ or US-4705019-\$ or US-6349714-\$ or US-5791336-\$ or US-3686477-\$ or US-5813395-\$ or US-5931152-\$ or US-6182472-\$ or US-6170479-\$ or US-6050176-\$ or US-6794020-\$).did. or (US-3367320-\$ or US-3409005-\$ or US-3193367-\$ or US-3231356-\$ or US-3582454-\$).did. or (EP-879797-\$).did. | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2005/05/31 16:50 |
|-----|----|---|-----------------------------|----|----|------------------|

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|-----|----|---|-----------------------------|----|-----|------------------|
| S59 | 58 | (US-20040261779-\$ or US-20020014482-\$).did. or (US-1121775-\$ or US-1342436-\$ or US-2233463-\$ or US-2674991-\$ or US-3102533-\$ or US-3474724-\$ or US-3586825-\$ or US-3797375-\$ or US-4042806-\$ or US-4409954-\$ or US-4411254-\$ or US-4413611-\$ or US-4431892-\$ or US-4527542-\$ or US-4736729-\$ or US-4750470-\$ or US-5000157-\$ or US-5190026-\$ or US-5209217-\$ or US-5213091-\$ or US-5279279-\$ or US-5287799-\$ or US-5742031-\$ or US-6120282-\$ or US-6297482-\$ or US-6455818-\$). did. or (US-6501053-\$ or US-6575157-\$ or US-6742515-\$ or US-6895955-\$ or US-D427486-\$ or US-D444024-\$ or US-D467768-\$ or US-6293276-\$ or US-0587766-\$ or US-5884619-\$ or US-2076479-\$ or US-3721178-\$ or US-3409005-\$ or US-5231972-\$ or US-4705019-\$ or US-6349714-\$ or US-5791336-\$ or US-3686477-\$ or US-5813395-\$ or US-5931152-\$ or US-6182472-\$ or US-6170479-\$ or US-6050176-\$ or US-6794020-\$).did. or (US-3367320-\$ or US-3409005-\$ or US-3193367-\$ or US-3231356-\$ or US-3582454-\$).did. or (EP-879797-\$).did. | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2005/05/31 20:05 |
| S60 | 14 | (US-20040261779-\$ or US-20020014482-\$).did. or (US-6895955-\$ or US-6575157-\$ or US-6501053-\$ or US-6349714-\$ or US-6297482-\$ or US-6293276-\$ or US-D444024-\$ or US-5213091-\$ or US-5209217-\$ or US-4042806-\$ or US-3586825-\$ or US-3102533-\$). did. | US-PGPUB; USPAT | OR | ON | 2005/05/31 18:21 |
| S61 | 38 | S59 NOT S60 | US-PGPUB; USPAT | OR | ON | 2005/05/31 18:21 |
| S62 | 1 | ("6528440").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/31 20:05 |
| S63 | 14 | (126/299D,302,299R,39H,299E,39K, 303.ccls. OR 219/452.11-452.13. ccls.) AND @pd>="20050531" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/07 12:43 |
| S64 | 1 | ("6,120,282").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/06 10:09 |